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Technical File DETECT +

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1 – PRODUCT DESCRIPTION

Commercial name	DETECT +
Format	Tracer dyes for water, in liquid and powder forms
Packaging	180g and 1kg pots, 1 and 5 litre cans Custom packaging can be created on request.

2 – APPLICABLE USES AND BENEFITS

The **DETECT +** range has been specially designed for tracing nonpotable, domestic and industrial water: for connection tests on pipes and sewerage systems, flow tests, waterproofing tests on roofs, leak detection (tanks, swimming pools, pipelines, hoses, etc.), infiltration tests, simulating contamination by pollutants, etc.

For potable water, please contact us for further information on our food grade tracer dyes.

See figures 1 and 2

Applicable uses: piping and sewerage systems, roof/seal tests, property surveys, leak detection, swimming pools, forensic analysis, hydrogeology, sanitation, industrial processes, etc.

BENEFITS:

- ▶ Bright colours that remain highly visible for several hours
- ▶ High solubility and easy dispersion
- ▶ Fluorescent under UV light
- ▶ Easy cleaning using bleach, chlorine, hydrogen peroxide, etc.
- ▶ **Safe for humans and the environment**

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3 – INSTRUCTIONS FOR USE:

For the DETECT + dyes: YELLOW - RED - BLUE - PURPLE

Assess the total volume to be diluted.

Dissolve around 0.1g/litre or 1ml/litre to obtain a bright colour. For dirty or highly contaminated water, change the dosage to obtain a sufficiently bright colour.

For seal tests on roofs/balconies, use around 5g or 50ml per m² (allowing for 5cm of water/square metre).

The YELLOW and PURPLE dyes are fluorescent under UV 365nm light (please contact us for information on UV and inspection lamps).



Testing using UV fluorescence has several advantages:

- Easy marking of micro-leaks that would be difficult to find using normal light
- High visibility even in dark or difficult to access areas
- 100% confirmation of leak
- Can be used at lower dosages than other dyes

Luminescent dyes perform best in darkness or low-light conditions.

For the colourless DETECT + WHITE tracer

Dosage: around 1g / litre.

Visible only under UV 365 nm light as a fluorescent blue.



The DETECT + White colourless tracer is ideal for tracing applications where surfaces potentially sensitive to dyes may be exposed to the tracer.

4 – PRECAUTIONS FOR USE:

PUBLIC PROPERTY: When using tracing on public property, contact the relevant local authorities. Avoid discharging any dyed water into water sources or rivers.

CLEANING: After each use, rinse with plenty of water. Do not allow any coloured or colourless residue to dry onto absorbent surfaces. Any remaining traces of colour can be removed using an oxidising agent (bleach, hydrogen peroxide) or with absorbent materials such as sawdust, etc.

Test the product on a non-visible surface before use.

Figure1



Figure2



The guidelines contained in this brochure is provided for information purposes only, and are based on the current extent of our knowledge.

It is the responsibility of the product user to determine the suitability of this product in terms of its formulation and conditions of use before using it on a larger scale.

This information does not in any way constitute a guarantee and we accept no responsibility for the information contained in this document.